



Safety & Health Awards Program

2021 AWARD WINNERS
& INDUSTRY SURVEY



APA SAFETY & HEALTH AWARDS – 2021

On behalf of the APA Safety and Health Advisory Committee, I would like to congratulate all of the 2021 Safety and Health Award Winners. Winning mills will be presented with a plaque recognizing their achievement.

The APA Safety and Health Awards Program is the premier safety award program for the engineered wood products industry in North America. It encourages and recognizes operational excellence with the goal of reducing injury and illness rates. While awards are limited to APA members, data from both member and non-member mills may be included.

The 2021 average Weighted Incident Rate (WIR) for our industry was 10.15, a step back from last year's WIR of 7.14. The 2021 average Total Incident Rate (TIR) was 1.73, an increase over last year's stellar TIR of 1.25. This was the highest TIR since 2017 and a clear indication that we still have some work to do. We can never relax, never take our eye off the ball, or get complacent with success around safety. Having just completed our mid-year Safety and Health Advisory Committee meeting in Medford, Oregon, I know the Leaders (Operations and Safety Professionals) in this industry are as committed as ever to ensuring the safety and health of our employees. I would like to personally thank Boise Cascade-Medford and Murphy Rogue River for their hospitality during our recent visits.

5-Year WIR and TIR Trend

	TIR	WIR
2021	1.73	10.5
2020	1.25	7.14
2019	1.60	8.11
2018	1.41	6.99
2017	1.77	8.43

The WIR is calculated using both the number and severity of recordable incidents (see page 6 for formula).

The Industry Survey shows the WIR and TIR for all participating mills. It also shows average data for three product divisions: OSB; plywood; and structural composite lumber (SCL), laminated veneer lumber (LVL), glulam, cross-laminated timber (CLT) and I-joist.

If there is a safety need or issue that our committee can help with at your company or location, please let us know. If your company is not currently represented, we encourage you to get in-involved. We welcome the opportunity to broaden our committee membership.

Please plan on attending our Safety Workshop to be held in conjunction with the 2022 APA Annual Meeting, which is going to be held in-person this year! I look forward to seeing everyone in Aventura, Florida on October 15th - 18th.

Sam Newbill

Hood Industries Inc.
 Director of Environmental, Health and Safety
 Safety and Health Advisory Committee Chairman

APA SAFETY & HEALTH AWARDS – 2021

Safety and Health Advisory Committee Members

Sam Newbill, Chairman

Hood Industries, Inc.

John Myers, Vice-Chair

Roseburg Forest Products Company

Terry Evans

Boise Cascade Company

Chris Fowler

Canoe Forest Products Limited

Dave McGowin

LP

Brent Way

Murphy Company

Stanza Donald

PotlatchDeltic Corporation

Steve Mckenney

Roseburg Forest Products Company

Terry Secret

RoyOMartin

Derek Bauchman

Structurlam Mass Timber Corporation

Fred Chinn

Tolko Industries Ltd.

Marsha Bell

Tolko Industries Ltd.

Johnny Sauls

West Fraser

APA Staff Contact:

Charles Hartke

APA

APA SAFETY & HEALTH AWARDS – 2021

Innovation In Safety Award

Equipment-Based Innovation Winner	Jeff Wagner Process-Based Innovation Winner
<p>Tolko Industries Ltd. Athabasca Slave Lake, Alberta, Canada “The Pink Panther”</p>	<p>Tolko Industries Ltd. Armstrong, British Columbia, Canada “Area Based Lockout Matrices”</p>

Safest Company Award

Companies with three or fewer member mills	Average WIR	Average TIR
Resolute Engineered Wood	0.00	0.00
Companies with four or more member mills	Average WIR	Average TIR
West Fraser	6.62	0.74

Annual Safety & Health Award

Division I – Plywood		WIR	TIR
1ST PLACE	RoyOMartin Chopin, Louisiana	1.43	0.36
2ND PLACE	Boise Cascade Company Chester, South Carolina	6.15	0.88
Division II – OSB		WIR	TIR
1ST PLACE	LP Brasil Ponta Grossa, Brazil	0.00	0.00
2ND PLACE	RoyOMartin Oakdale, Louisiana	0.00	0.00
Division III – Glulam, CLT, I-Joist, LVL and SCL		WIR	TIR
1ST PLACE	Roseburg Forest Products Company Chester, South Carolina	0.00	0.00
2ND PLACE	Resolute Engineered Wood St. Prime, Quebec, Canada	0.00	0.00

APA SAFETY & HEALTH AWARDS – 2021

3-Year Safety Award (2019 – 2021)

Division I – Plywood	WIR	TIR
RoyOMartin Chopin, Louisiana	1.91	0.51
Division II – OSB	WIR	TIR
West Fraser Nacogdoches, Texas	0.00	0.00
Division III – Glulam, CLT, I-Joist, LVL and SCL	WIR	TIR
Boise Cascade Company White City, Oregon	2.90	0.97

Safety Improvement Award (2019 – 2021)

Division I – Plywood

	2019 WIR	2020 WIR	2021 WIR
Boise Cascade Company Oakdale, Louisiana	19.90	14.42	12.31
	2019 TIR	2020 TIR	2021 TIR
<i>38.1% Improvement</i>	3.43	1.94	1.86

Division II – OSB

	2019 WIR	2020 WIR	2021 WIR
LP Brasil Ponta Grossa, Brazil	6.69	0.00	0.00
	2019 TIR	2020 TIR	2021 TIR
<i>100% Improvement</i>	0.67	0.00	0.00

Division III – Glulam, CLT, I-Joist, LVL and SCL

	2019 WIR	2020 WIR	2021 WIR
Boise Cascade Company Homedale, Idaho	46.63	5.67	1.18
	2019 TIR	2020 TIR	2021 TIR
<i>97.5% Improvement</i>	8.97	1.13	1.18

APA SAFETY & HEALTH AWARDS – 2021

WIR Formula

Restricted work, lost time, fatality (employee or service provider working on site) and other recordable incidents for each mill are used to calculate a Weighted Incident Rate (WIR) for each mill using the following formula:

$$\text{Mill WIR} = \frac{(25 \times F + 10 \times \text{LT} + 5 \times \text{RW} + R) \times 200,000}{\text{Mill Hours}}$$

Where:

WIR = Mill's Weighted Incident Rate for the year

F = Mill's Fatalities (Employees or Service Providers) for the year

LT = Mill's Lost Time Incidents for the year

RW = Mill's Restricted Work Incidents for the year

R = Mill's Other Recordable Incidents for the year

APA SAFETY & HEALTH AWARDS – 2021

Incident Free Honor Society

Company Location	Product	WIR	TIR
LP Swan Valley Minitonas, Manitoba, Canada	OSB	0.00	0.00
LP Dawson Creek, British Columbia, Canada	OSB	0.00	0.00
LP Newberry, Michigan	OSB	0.00	0.00
LP Brasil Ponta Grossa, Brazil	OSB	0.00	0.00
LP Tomahawk, Wisconsin	OSB	0.00	0.00
Resolute Engineered Wood Larouche, Quebec, Canada	IJ	0.00	0.00
Resolute Engineered Wood St. Prime, Quebec, Canada	IJ	0.00	0.00
Roseburg Forest Products Company Chester, South Carolina	SCL	0.00	0.00
RoyOMartin Oakdale, Louisiana	OSB	0.00	0.00
Tolko Industries Ltd. Meadow Lake, Saskatchewan, Canada	OSB	0.00	0.00
West Fraser Bemidji, Minnesota	OSB	0.00	0.00
West Fraser Joanna Kinards, South Carolina	OSB	0.00	0.00
West Fraser Nacogdoches, Texas	OSB	0.00	0.00

2021 INDUSTRY SURVEY

Alphabetical

Company Location	Product	WIR	TIR
Anthony Forest Product Company El Dorado, Arkansas	Glulam	15.18	2.76
Anthony Forest Product Company Washington, Georgia	Glulam	1.68	1.68
Boise Cascade Company Chester, South Carolina	PLY	6.15	0.88
Boise Cascade Company Elgin, Oregon	PLY	10.66	1.94
Boise Cascade Company Florien, Louisiana	PLY	9.11	1.30
Boise Cascade Company Homedale, Idaho	Glulam	1.18	1.18
Boise Cascade Company Kettle Falls, Washington	PLY	16.31	2.17
Boise Cascade Company Alexandria Lena, Louisiana	IJ/LVL	13.95	1.88
Boise Cascade Company Medford, Oregon	PLY	9.40	2.21
Boise Cascade Company Oakdale, Louisiana	PLY	12.31	1.86
Boise Cascade Company Rogue Valley White City, Oregon	PLY	1.97	1.97
Boise Cascade Company St. Jacques, New Brunswick, Canada	IJ	3.93	3.93
Boise Cascade Company Thorsby, Alabama	LVL	4.49	1.12
Boise Cascade Company White City, Oregon	IJ/LVL	3.46	0.69
Boise Cascade Company White City, Oregon	Veneer	0.00	0.00
Boise Cascade Company Willamina, Oregon	Veneer	0.00	0.00
Forex Amos, Inc. Amos, Quebec, Canada	OSB	57.77	10.20

2021 INDUSTRY SURVEY

Alphabetical (Continued)

Company Location	Product	WIR	TIR
Hood Industries, Inc. Beaumont Mississippi	PLY	9.10	2.80
Hood Industries, Inc. Wiggins, Mississippi	PLY	18.19	2.72
Hunt Forest Products, Inc. Pollock, Louisiana	PLY	9.93	2.21
LP Carthage, Texas	OSB	11.98	1.20
LP Dawson Creek, British Columbia, Canada	OSB	0.00	0.00
LP Peace Valley Fort St. John, British Columbia, Canada	OSB	9.63	0.96
LP Golden, British Columbia, Canada	LVL	6.04	0.60
LP Granite City, Illinois	Reman	0.00	0.00
LP Green Bay, Wisconsin	Reman	1.77	1.77
LP Hanceville, Alabama	OSB	18.12	2.34
LP Hayward, Wisconsin	OSB	2.23	0.74
LP Houlton, Maine	SCL	7.07	1.29
LP Jasper, Texas	OSB	8.83	1.18
LP Chile S.A. Lautaro, Chile	OSB	23.11	2.31
LP Maniwaki, Quebec, Canada	OSB	6.57	0.66
LP Swan Valley Minitonas, Manitoba, Canada	OSB	0.00	0.00

2021 INDUSTRY SURVEY

Alphabetical (Continued)

Company Location	Product	WIR	TIR
LP Newberry, Michigan	OSB	0.00	0.00
LP North Wilkesboro, North Carolina	Hardwood Plywood	27.35	2.73
LP Chile S.A. Panguipulli, Chile	OSB	6.16	0.62
LP Brasil Ponta Grossa, Brazil	OSB	0.00	0.00
LP Red Bluff, California	IJ	19.27	2.57
LP Roxboro, North Carolina	OSB	15.23	1.83
LP Sagola, Michigan	OSB	7.15	1.30
LP Clarke County Thomasville, Alabama	OSB	5.67	2.03
LP Tomahawk, Wisconsin	OSB	0.00	0.00
LP Two Harbors, Minnesota	OSB	3.63	0.73
LP Watkins, Minnesota	OSB	7.27	7.27
LP Wilmington, North Carolina	LVL	3.98	1.33
Murphy Company Rogue River, Oregon	PLY	16.88	5.27
PotlatchDeltic Corporation St. Maries, Idaho	PLY	17.16	4.49
Resolute Engineered Wood Larouche, Quebec, Canada	IJ	0.00	0.00
Resolute Engineered Wood St. Prime, Quebec, Canada	IJ	0.00	0.00

2021 INDUSTRY SURVEY

Alphabetical (Continued)

Company Location	Product	WIR	TIR
Roseburg Forest Products Company Chester, South Carolina	SCL	0.00	0.00
Roseburg Forest Products Company Coquille, Oregon	PLY	8.53	2.28
Roseburg Forest Products Company Dillard, Oregon	PLY	134.77	13.48
Roseburg Forest Products Company Riddle, Oregon	IJ/LVL	61.83	8.09
Roseburg Forest Products Company Riddle, Oregon	PLY	26.58	6.36
Roseburg Forest Products Company Weed, California	Veneer	38.50	6.04
RoyOMartin Chopin, Louisiana	PLY	1.43	0.36
RoyOMartin Corrigan, Texas	OSB	0.48	0.48
RoyOMartin Oakdale, Louisiana	OSB	0.00	0.00
Structurlam Mass Timber Corporation Penticton, British Columbia, Canada	Glulam	14.67	1.76
Tolko Industires Ltd. Athabasca Slave Lake, Alberta, Canada	OSB	5.48	1.37
Tolko Industries Ltd. Armstrong, British Columbia, Canada	PLY	11.09	1.11
Tolko Industries Ltd. Heffley Creek Kamloops, British Columbia, Canada	PLY	13.40	1.73
Tolko Industries Ltd. High Prairie, Alberta, Canada	OSB	9.04	1.70
Tolko Industries Ltd. Meadow Lake, Saskatchewan, Canada	OSB	0.00	0.00
Tolko Industries Ltd. Lumby White Valley, British Columbia, Canada	Veneer	17.40	5.35

2021 INDUSTRY SURVEY

Alphabetical (Continued)

Company Location	Product	WIR	TIR
West Fraser Barwick, Ontario, Canada	OSB	0.71	0.71
West Fraser Bemidji, Minnesota	OSB	0.00	0.00
West Fraser Cordele, Georgia	OSB	7.17	0.96
West Fraser Cowie Stirlingshire, Scotland	MDF	0.42	0.42
West Fraser Grande Prairie, Alberta, Canada	OSB	5.40	0.54
West Fraser Guntown Mississippi	OSB	13.88	1.39
West Fraser Inverness, Scotland	OSB	0.00	0.00
West Fraser Jefferson, Texas	OSB	4.04	0.81
West Fraser Joanna Kinards, South Carolina	OSB	0.00	0.00
West Fraser Huguley Lanett, Alabama	OSB	18.70	1.44
West Fraser LaSarre, Quebec, Canada	OSB	3.79	0.76
West Fraser Nacogdoches, Texas	OSB	0.00	0.00
Weyerhaeuser Sutton Heaters, West Virginia	OSB	0.58	0.58
Weyerhaeuser Kalispell, Montana	PLY	13.46	3.59
Weyerhaeuser Arcadia Simsboro, Louisiana	OSB	16.78	2.01
Weighted and Total Incident Rates		10.47	1.74

2021 INDUSTRY SURVEY

Sorted By Member Division

Division I – Plywood

Company Location	Product	WIR	TIR
RoyOMartin Chopin, Louisiana	PLY	1.43	0.36
Boise Cascade Company Chester, South Carolina	PLY	6.15	0.88
Roseburg Forest Products Company Coquille, Oregon	PLY	8.53	2.28
Hood Industries, Inc. Beaumont Mississippi	PLY	9.10	2.80
Boise Cascade Company Florien, Louisiana	PLY	9.11	1.30
Boise Cascade Company Medford, Oregon	PLY	9.40	2.21
Hunt Forest Products, Inc. Pollock, Louisiana	PLY	9.93	2.21
Boise Cascade Company Elgin, Oregon	PLY	10.66	1.94
Tolko Industries Ltd. Armstrong, British Columbia, Canada	PLY	11.09	1.11
Boise Cascade Company Oakdale, Louisiana	PLY	12.31	1.86
Tolko Industries Ltd. Heffley Creek Kamloops, British Columbia, Canada	PLY	13.40	1.73
Weyerhaeuser Kalispell, Montana	PLY	13.46	3.59
Boise Cascade Company Kettle Falls, Washington	PLY	16.31	2.17
Murphy Company Rogue River, Oregon	PLY	16.88	5.27
PotlatchDeltic Corporation St. Maries, Idaho	PLY	17.16	4.49

2021 INDUSTRY SURVEY

Sorted By Member Division

Division I – Plywood (Continued)

Company Location	Product	WIR	TIR
Hood Industries, Inc. Wiggins, Mississippi	PLY	18.19	2.72
Roseburg Forest Products Company Riddle, Oregon	PLY	26.58	6.36
Roseburg Forest Products Company Dillard, Oregon	PLY	134.77	13.48
Weighted and Total Incident Rates		14.42	2.48

2021 INDUSTRY SURVEY

Sorted by Member Division

Division II – OSB

Company Location	Product	WIR	TIR
LP Dawson Creek, British Columbia, Canada	OSB	0.00	0.00
LP Swan Valley Minitonas, Manitoba, Canada	OSB	0.00	0.00
LP Newberry, Michigan	OSB	0.00	0.00
LP Tomahawk, Wisconsin	OSB	0.00	0.00
LP Brasil Ponta Grossa, Brazil	OSB	0.00	0.00
RoyOMartin Oakdale, Louisiana	OSB	0.00	0.00
Tolko Industries Ltd. Meadow Lake, Saskatchewan, Canada	OSB	0.00	0.00
West Fraser Joanna Kinards, South Carolina	OSB	0.00	0.00
West Fraser Nacogdoches, Texas	OSB	0.00	0.00
West Fraser Bemidji, Minnesota	OSB	0.00	0.00
RoyOMartin Corrigan, Texas	OSB	0.48	0.48
Weyerhaeuser Sutton Heaters, West Virginia	OSB	0.58	0.58
West Fraser Barwick, Ontario, Canada	OSB	0.71	0.71
LP Hayward, Wisconsin	OSB	2.23	0.74
LP Two Harbors, Minnesota	OSB	3.63	0.73

2021 INDUSTRY SURVEY

Sorted by Member Division

Division II – OSB (Continued)

Company Location	Product	WIR	TIR
West Fraser LaSarre, Quebec, Canada	OSB	3.79	0.76
West Fraser Jefferson, Texas	OSB	4.04	0.81
West Fraser Grande Prairie, Alberta, Canada	OSB	5.40	0.54
Tolko Industires Ltd. Athabasca Slave Lake, Alberta, Canada	OSB	5.48	1.37
LP Clarke County Thomasville, Alabama	OSB	5.67	2.03
LP Chile S.A. Panguipulli, Chile	OSB	6.16	0.62
LP Maniwaki, Quebec, Canada	OSB	6.57	0.66
LP Sagola, Michigan	OSB	7.15	1.30
West Fraser Cordele, Georgia	OSB	7.17	0.96
LP Jasper, Texas	OSB	8.83	1.18
Tolko Industries Ltd. High Prairie, Alberta, Canada	OSB	9.04	1.70
LP Peace Valley Fort St. John, British Columbia, Canada	OSB	9.63	0.96
LP Carthage, Texas	OSB	11.98	1.20
West Fraser Guntown Mississippi	OSB	13.88	1.39
LP Roxboro, North Carolina	OSB	15.23	1.83

2021 INDUSTRY SURVEY

Sorted by Member Division

Division II – OSB (Continued)

Company Location	Product	WIR	TIR
Weyerhaeuser Arcadia Simsboro, Louisiana	OSB	16.78	2.01
LP Hanceville, Alabama	OSB	18.12	2.34
West Fraser Huguley Lanett, Alabama	OSB	18.70	1.44
LP Lautaro, Chile S.A.	OSB	23.11	2.31
Forex Amos, Inc. Amos, Quebec, Canada	OSB	57.77	10.20
Weighted and Total Incident Rates		6.78	1.01

2021 INDUSTRY SURVEY

Sorted by Member Division

Division III – Glulam, CLT, I-Joist, LVL and SCL

Company Location	Product	WIR	TIR
Roseburg Forest Products Company Chester, South Carolina	SCL	0.00	0.00
Resolute Engineered Wood St. Prime, Quebec, Canada	IJ	0.00	0.00
Resolute Engineered Wood Larouche, Quebec, Canada	IJ	0.00	0.00
Boise Cascade Company Homedale, Idaho	Glulam	1.18	1.18
Anthony Forest Product Company Washington, Georgia	Glulam	1.68	1.68
Boise Cascade Company White City, Oregon	IJ/LVL	3.46	0.69
Boise Cascade Company St. Jacques, New Brunswick, Canada	IJ	3.93	3.93
LP Wilmington, North Carolina	LVL	3.98	1.33
Boise Cascade Company Thorsby, Alabama	LVL	4.49	1.12
LP Golden, British Columbia, Canada	LVL	6.04	0.60
LP Houlton, Maine	SCL	7.07	1.29
Boise Cascade Company Alexandria Lena, Louisiana	IJ/LVL	13.95	1.88
Structurlam Mass Timber Corporation Penticton, British Columbia, Canada	Glulam	14.67	1.76
Anthony Forest Product Company El Dorado, Arkansas	Glulam	15.18	2.76
LP Red Bluff, California	IJ	19.27	2.57
Roseburg Forest Products Company Riddle, Oregon	IJ/LVL	61.83	8.09
Weighted and Total Incident Rates		11.26	1.83

Safety & Health Awards Program 2021 Award Winners & Industry Survey

APA HEADQUARTERS

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REPRESENTING THE ENGINEERED WOOD INDUSTRY